

Algebra 1**Mrs. Arot/Mrs. Britton****Section 7.2 Systems by Substitution #2**

Name: _____

Date: _____

Solve each System of Equations. **SHOW ALL YOUR WORK**

1.
$$\begin{cases} -4x + y = 6 \\ -5x - y = 21 \end{cases}$$

2.
$$\begin{cases} -7x - 2y = -13 \\ x - 2y = 11 \end{cases}$$

3.
$$\begin{cases} -5x + y = -2 \\ -3x + 6y = -12 \end{cases}$$

4.
$$\begin{cases} -5x + y = -3 \\ 3x - 8y = 24 \end{cases}$$

5.
$$\begin{cases} x + 3y = 1 \\ -3x - 3y = -15 \end{cases}$$

6.
$$\begin{cases} -3x - 8y = 20 \\ -5x + y = 19 \end{cases}$$

7. $\begin{cases} -3x + 3y = 4 \\ -x + y = 3 \end{cases}$	8. $\begin{cases} -3x + 3y = 3 \\ -5x + y = 13 \end{cases}$
9. $\begin{cases} 6x + 6y = -6 \\ 5x + y = -13 \end{cases}$	10. $\begin{cases} x - 3y = -5 \\ 2x + y = 11 \end{cases}$

Write 3 vocabulary math vocabulary words you use while solve systems of equation. (Don't forget that you can always peak at your learning maps!!!)
